

APPARATUS AND METHODS FOR TEXTURIZING TREAD SURFACES OF TIRES

ABSTRACT OF THE DISCLOSURE

An apparatus may include a stand, a tire mount supported by the stand and releasably attachable to a tire, a tire rasp, and a tire rasp mount attachable to the tire rasp. The tire rasp mount includes a pair of handles. A four bar support pivotally attaches the tire rasp mount to the stand using hinge joints. A motor operably rotates the tire and the tire rasp in opposite directions. An operator can manually move the tire rasp into contact with the tire and apply pressure between the tire rasp and the tire to texturize tread surfaces of the tire. A method is also disclosed which includes forming slices and grooves into the tread surfaces of the tire while maintaining the thickness of the tread. The slices and grooves may extend circumferentially around portions of the tread surfaces of the tire, and about 1/32-inch to about 1/16-inch deep.